



In the specification:

Please replace Table 1 on page 40 with the following:

Table 1 Primers and boundary sequences of PTCH

Exon	5' Boundary <sup>a</sup>	Nucleotide Position <sup>b</sup>	Exon Size	3' boundary <sup>a</sup>	Reading Frame <sup>c</sup>	Primers	
1	ND <sup>d</sup>	ND	ND	AAG gtgnat	ND		
2	ND	202	193	AAG gtaaga	3		
3	tgtcag T	395	190	CAG gtaagg	1	3F	GAGTTTGCAGTGATGTTGCTATTC (SEQ ID NO: 23)
						3R	ACCGCCTTACCTGCTGCTC (SEQ ID NO: 24)
4	tattag G	585	70	CAG gtatat	2	4F	TGCACTAATTTTCTTATTACAGTGAG (SEQ ID NO: 25)
						4R	TAAGGCACACTACTGGGGTG (SEQ ID NO: 26)
5	tgacag A	655	92	CCT gtaagt	3	5F	GAACACCCCACTAGTGTGCC (SEQ ID NO: 27)
						5R	TGAGTCTAGAGAAGTCACAGACATC (SEQ ID NO: 28)
6	ttgcag A	747	199	AAA gtgagt	2	6F	GGCTCTTTTCATGGTCTCGTC (SEQ ID NO: 29)
						6R	TGTTTGTCTCTCCACCTTC (SEQ ID NO: 30)
7	tttag C	946	122	CAG gtaagc	3	7F	GCCTGGATTTTAAACAAGGCATG (SEQ ID NO: 31)
						7R	AGGGCATAGATTGTCCTCGG (SEQ ID NO: 32)
8	ctgcag C	1068	148	GAG gtaaac	2	8F	TGGGAATACTGATGATGTGCC (SEQ ID NO: 33)
						8R	CATAACCCAGCGAGTCTGCAC (SEQ ID NO: 34)
9	ccacag G	1216	132	ATG gtaacg	3	9F	CATTGGGCATTTCGCATTC (SEQ ID NO: 35)
						9R	ACCAAACCAAACTCCAGCCC (SEQ ID NO: 36)
10	ttgcag C	1348	156	CAG gtacta3	3	10F	TGCCCCCATTTGTTCTGCTTG (SEQ ID NO: 37)
						10R	GGACAGCAGATAAATGGTCC (SEQ ID NO: 38)
11	ctgtag G	1504	99	GAG gtaatg	3	11F	GCATCTCGCATGTCTAATGCCAC (SEQ ID NO: 39)
						11R	AAGCTGTGATGTCCCCAAAG (SEQ ID NO: 40)
12	tcccag G	1603	126	CAG gtgagc	3	12F	GACCATGTCCAGTGCAGCTC (SEQ ID NO: 41)
						12R	CGTTCAGGATCACACAGCC (SEQ ID NO: 42)
13	tcccag G	1729	119	AAG gtacat	3	13F	AGTCCTCTGATTGGGCGGAG (SEQ ID NO: 43)
						13R	CCATTCTGCACCAATCAAAAG (SEQ ID NO: 44)
14	tttcag C	1848	403	AAG gtaatc	2	14F	AAAATGGCAGAATGAAAGCACC (SEQ ID NO: 45)
						14R	CTGATGAACTCCAAAGGTTCTG (SEQ ID NO: 46)
15	ttccag G	2251	310	AGG gtaaga	3	15F	GGAAGAGTCAGTGGTGCTCC (SEQ ID NO: 47)
						15R	CGCCAAAGACCGAAAGGAC (SEQ ID NO: 48)
16	ttctag G	2561	143	CAG gtactc	1	16F	AGGGTCCTTCTGGTGCAGAG (SEQ ID NO: 49)
						16R	GCTGTCAAGCAGCCTCCAC (SEQ ID NO: 50)
17	ttgtag T	2704	184	GAA gtaagt	3	17F	GCTCTCAAGGCAGAAGGTGTG (SEQ ID NO: 51)
						17R	GGAAGGCACCTCTGTAAGTTC (SEQ ID NO: 52)
18	gtccag T	2888	281	ATT gtgagt	1	18F	GCTCCTAACCTGTGCCCTTC (SEQ ID NO: 53)
						18R	GAATTTGACTTCCACAAAGCCC (SEQ ID NO: 54)
19	ctccag G	3169	138	TTG gtatgg	3	19F	CGCCCACTGACCACTGTGTG (SEQ ID NO: 55)
						19R	GAGCCAGAGGAAATGGGTG (SEQ ID NO: 56)

Table 1 Primers and boundary sequences of *PTCH*

Exon	5' Boundary <sup>a</sup>	Nucleotide Position <sup>b</sup>	Exon Size	3' boundary <sup>a</sup>	Reading Frame <sup>c</sup>	Primers
						NO: 56)
20	gcacag G	3307	143	CAG gtaagc	3	20F AGCATTACCAGGTGAAGTCC (SEQ ID NO: 57)
						20R TTGCACACGCCTGCTTAC (SEQ ID NO: 58)
21	tcccag G	3450	100	GAG gtcagt	2	21F TGTTCCTGTTCTCTTG (SEQ ID NO: 59)
						21R GCACAGGAAACACAGCATTC (SEQ ID NO: 60)
22	aaatag G	3550	255	ACT gtaagt	3	22F GCAGGTAAATGGACAAGAACAC (SEQ ID NO: 61)
						22R ACTACCACGGTGGGAAGACC (SEQ ID NO: 62)
23	ctgcag G	3805	541	GAG gtgagt	3	23F CCCTTCTAACCACCCTCAC (SEQ ID NO: 63)
						23R GACACATCAGCCTTGCTC (SEQ ID NO: 64)
24	ND	4346	ND	ND		

<sup>a</sup> Consensus sequences for the 5' and 3' exonic boundaries are (')<sub>11</sub>ncag|G and AG|gt<sup>a</sup>agt, respectively (20). Upper case denotes exonic sequence.

<sup>b</sup> Exon positions are in reference to the coding sequence of *PTCH* (3) with the beginning ATG as nucleotide 1.

<sup>c</sup> 5' exon boundary begins after the first, second, or third base of the codon of the translation reading frame.

<sup>d</sup> ND, not determined.